Amendment to the Claims:

This listing of claims will replace all prior versions and listings of claims in this application:

Claim 1 (cancelled)

Claim 2 (currently amended) Process according to claim ~~1~~ 13, characterized in that the authorization list (28) is ~~deposited~~ stored in a memory control apparatus (16) ~~on the part of~~ at the recipient.

Claims 3, 5 and 6 (cancelled) (through coding of the data set to be transferred.

Claim 4 (currently amended) Process according to claim ~~1~~ 13 characterized in that the authorization list (28) is individually adaptable, whereby a manipulation of the authorization list (28) is possible only with ~~the~~ corresponding rights.

Claim 7 (cancelled)

Claim 8 (currently amended) Process according to claim ~~1~~ 13, characterized in that the data (10) ~~are~~ is transferred over a data network (14) such as an ~~Intranet~~ intranet or the Internet.

Claims 9 through 11 and 12 (cancelled)

Claim 13 (new) Process for transferring data into or out of a memory-programmable control unit (16), where the data (10) to be transferred is coded at the sender by at least one authorized person with an individual sender identification

(18, 24) in the form of a digital signature, whereby the data is decoded at the recipient and the at least one individual sender identification (18, 24) is checked for validity and compared with a defined sender identification (ID1, ID2...IDn) deposited in an authorization list and where the data is processed when the individual sender identification (18, 24) is valid and entered in the authorization list; characterized in that a memory range (BSS, PS, DS) of the memory-programmable control unit (16) is selectively acuatable through the coding of the data set to be transferred, that for changing the state of the memory-programmable control unit (16) in the form of reading (download) and writing (upload) of memory ranges (BSS, PS, DS) defined in the authorization list (28) user rights defined, user rights defined in the authorization list (28) are allotted to the at least one authorized person according to his individual sender identification (18,24), and that through the memory-programmable control unit (16) the data is provided with a digital signature when reading (downloading) data (10) from a memory range (BSS, PS, DS) protected in correspondence with the authorization list (28).

Claim 14 (new) A memory-programmable control unit characterized in that the control unit (16) comprises a receiver unit with a decoding unit for decoding at least one sender identification (18) of received data (10'), the control

unit (16) has an authorization list (28) in which rights for altering the status of the control apparatus (16) are assigned to various sender identifications, and in that the status of the control apparatus is alterable with a valid sender identification contained in the authorization list, the control unit (16) having a sending unit with a coding unit for coding data (10) to be sent, and wherein the coding unit includes a digital signature and/or a public key for coding the data, the memory range of the control unit (16) is subdivided into definable ranges (BSS, PS, DS), whereby for each memory region in the authorization list (28) rights for different sender identifications are definable.